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2	Apparatus and method for fuzzy analysis of statistical evidence	706/20		

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1 Analyzing borders between partially contradicting fuzzy classification rules

Nurnberger, A.; Klose, A.; Kruse, R.;

Fuzzy Information Processing Society, 2000. NAFIPS. 19th International Conference of the North American , 13-15 July 2000

Pages:59 - 63

[\[Abstract\]](#) [\[PDF Full-Text \(492 KB\)\]](#) IEEE CNF

2 Continuous fuzzy conjunctions and disjunctions

Harmse, J.;

Fuzzy Systems, IEEE Transactions on , Volume: 4 , Issue: 3 , Aug. 1996

Pages:295 - 314

[\[Abstract\]](#) [\[PDF Full-Text \(1612 KB\)\]](#) IEEE JNL

3 Recognition of an Indian script using multilayer perceptrons and fuzzy features

Sural, S.; Das, P.K.;

Document Analysis and Recognition, 2001. Proceedings. Sixth International Conference on , 10-13 Sept. 2001

Pages:1120 - 1124

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) IEEE CNF

4 A class of reject-first possibilistic classifiers

Mascarilla, L.; Frelicot, C.;

IFSA World Congress and 20th NAFIPS International Conference, 2001. Joint 9th , Volume: 2 , 25-28 July 2001

Pages:743 - 747 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(552 KB\)\]](#) [IEEE CNF](#)

5 Effects of antecedent pruning in fuzzy classification systems

Nurnberger, A.; Klose, A.; Kruse, R.;

Knowledge-Based Intelligent Engineering Systems and Allied Technologies, 200 Proceedings. Fourth International Conference on , Volume: 1 , 30 Aug.-1 Sept. 2000

Pages:154 - 157 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(296 KB\)\]](#) [IEEE CNF](#)

6 Classification of sleep stages in infants: a neuro fuzzy approach

Heiss, J.E.; Held, C.M.; Estevez, P.A.; Perez, C.A.; Holzmann, C.A.; Perez, J.P.;

Engineering in Medicine and Biology Magazine, IEEE , Volume: 21 , Issue: 5 , Sept.-Oct. 2002

Pages:147 - 151

[\[Abstract\]](#) [\[PDF Full-Text \(419 KB\)\]](#) [IEEE JNL](#)

7 A third way to design pattern classifiers with reject options

Frelicot, C.; Mascarilla, L.;

Fuzzy Information Processing Society, 2002. Proceedings. NAFIPS. 2002 Annual Meeting of the North American , 27-29 June 2002

Pages:395 - 399

[\[Abstract\]](#) [\[PDF Full-Text \(525 KB\)\]](#) [IEEE CNF](#)

8 Construction of a multilayer perceptron for a piecewise linearly separable classification problem

von Schmidt, B.; Klawonn, F.;

IFSA World Congress and 20th NAFIPS International Conference, 2001. Joint 9th , Volume: 3 , 25-28 July 2001

Pages:1770 - 1775 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(372 KB\)\]](#) [IEEE CNF](#)

9 Embedding fuzzy logic in content based image retrieval

Vertan, C.; Boujemaa, N.;

Fuzzy Information Processing Society, 2000. NAFIPS. 19th International Conference of the North American , 13-15 July 2000

Pages:85 - 89

[\[Abstract\]](#) [\[PDF Full-Text \(464 KB\)\]](#) [IEEE CNF](#)

10 Construction of fuzzy classification systems with the Lukasiewicz-t-norm

von Schmidt, B.; Klawonn, F.;

Fuzzy Information Processing Society, 2000. NAFIPS. 19th International Conference of the North American , 13-15 July 2000

Pages:109 - 113

[\[Abstract\]](#) [\[PDF Full-Text \(308 KB\)\]](#) [IEEE CNF](#)

11 Generalization of discriminant analysis for possibility distributions

Miyamoto, S.; Sato, M.; Umayahara, K.;

Knowledge-Based Intelligent Electronic Systems, 1998. Proceedings KES '98. 1st

Second International Conference on , Volume: 3 , 21-23 April 1998

Pages:177 - 182 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(344 KB\)\]](#) IEEE CNF

12 On a class of binary operations: non-strict Archimedean aggregation functions

Mayor, G.; Torrens, J.;

Multiple-Valued Logic, 1988., Proceedings of the Eighteenth International Symposium on , 24-26 May 1988

Pages:54 - 59

[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) IEEE CNF

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1 In black and white: an integrated approach to class-level testing of object-o

Huo Yan Chen, T. H. Tse, F. T. Chan, T. Y. Chen

July 1998 ACM Transactions on Software Engineering and Methodology (TOSEM),

Full text available: pdf(284.99 KB)

Additional Information: full citation, abstract, references, citi

Because of the growing importance of object-oriented programming, a number of
They are based either on pure black-box or white-box techniques. We propose i
the black- and white-box techniques. The black-box technique is used to select
mainly applied to determine whether two objects resulting from the program ex
equivalent. It is als ...

Keywords: abstract data types, algebraic specification, object-oriented program
software-testing methodologies

2 Class analyses as abstract interpretations of trace semantics

Fausto Spoto, Thomas Jensen

September 2003 ACM Transactions on Programming Languages and Systems (TOPL)

Full text available:  pdf(756.68 KB)

Additional Information: full citation, abstract, reference

We use abstract interpretation to abstract a compositional trace semantics for a language into its projection over a set of program points called *watchpoints*. We *semantics* is *focused* on the watchpoints. Every abstraction of the computational abstract, still compositional, and focused watchpoint semantics. This establishes obtaining in ...

Keywords: Abstract interpretation, class analysis, denotational semantics

3 Reengineering class hierarchies using concept analysis

Gregor Snelting, Frank Tip

November 1998 ACM SIGSOFT Software Engineering Notes , Proceedings of the 6th / Foundations of software engineering, Volume 23 Issue 6

Full text available:  pdf(1.31 MB)


Additional Information: full citation, abstract, references, c

The design of a class hierarchy may be imperfect. For example, a class *C* may c *C*-instance, an indication that *m* could be eliminated, or moved into a derived cl members may be accessed from different *C*-instances, indicating that it might b classes. We present a framework for detecting and remediating such design pro

4 On automatic class insertion with overloading

H. Dicky, C. Dony, M. Huchard, T. Libourel

October 1996 ACM SIGPLAN Notices , Proceedings of the 11th ACM SIGPLAN confere systems, languages, and applications, Volume 31 Issue 10

Full text available:  pdf(1.94 MB)

Additional Information: full citation, abstract, references, c

Several algorithms [Cas92, MS89, Run92, DDHL94a, DDHL95, GMM95] have be class into an inheritance hierarchy. But actual hierarchies all include overridden a algorithms handle either very partially or not at all. Partially handled means han function *f* able to compare overloaded properties [DDHL95, GMM95]. In this pap algorithm (named *Ares*) ...

8 A first-class approach to genericity

Eric Allen, Jonathan Bannet, Robert Cartwright

October 2003 ACM SIGPLAN Notices , Proceedings of the 18th ACM SIGPLAN conference on programming languages, systems, languages, and applications, Volume 38 Issue 11

Full text available:  pdf(357.33 KB)

Additional Information: full citation, abstract, references

This paper describes how to add first-class generic types---including mixins---to nominal subtyping such as Java and C#. A generic type system is "first-class" if where conventional types can appear. In this context, a mixin is simply a generic type with parameters, e.g., a class $C<T>$ that extends T . Although mixins of this form are useful, they are clumsy and ...

9 A reflective model for first class dependencies

S. Ducasse, M. Blay-Fornarino, A. M. Pinna-Dery

October 1995 ACM SIGPLAN Notices , Proceedings of the tenth annual conference on programming languages, systems, languages, and applications, Volume 30 Issue 10

Full text available:  pdf(1.96 MB)


Additional Information: full citation, abstract, references, citations

We propose a reflective model to express and to automatically manage dependencies. This model describes reflective facilities which enable the changing of language semantics. If dependency management is well accepted, there is only limited object-oriented language support in current implementations. In response to this lack of expressiveness of object models, the management of dependencies into the object oriented paradigm ...

10 Class hierarchy specialization

Frank Tip, Peter F. Sweeney

October 1997 ACM SIGPLAN Notices , Proceedings of the 12th ACM SIGPLAN conference on programming languages, systems, languages, and applications, Volume 32 Issue 10

Full text available:  pdf(2.29 MB)

Additional Information: full citation, abstract, references, citations

Class libraries are generally designed with an emphasis on versatility and extensibility. However, they typically exercise only part of the library's functionality. As a result, objects created by the library contain unused members. We present an algorithm that *specializes* a class hierarchy with respect to a set of variables. That is, the algorithm analyzes the member access patterns for P 's variables, and ...

11 DNF—if you can't learn'em, teach'em: an interactive model of teaching

H. David Mathias

July 1995 Proceedings of the eighth annual conference on Computational learning theory

Full text available:  pdf(1.04 MB)

Additional Information: full citation, references, citations, index terms

12 TACCLE: a methodology for object-oriented software testing at the class ar

Huo Yan Chen, T. H. Tse, T. Y. Chen

January 2001 ACM Transactions on Software Engineering and Methodology (TOSEI

Full text available:  pdf(289.85 KB)

Additional Information: full citation, abstract, references, citi

Object-oriented programming consists of several different levels of abstraction, cluster level, and system level. The testing of object-oriented software at the al conventional program testing. Testing at the class and cluster levels poses new may interact with one another with unforeseen combinations and invocations, th and test than ...

Keywords: algebraic specifications, contact specifications, message passing, obj testing

13 A framework for interprocedural optimization in the presence of dynamic cl

Vugranam C. Sreedhar, Michael Burke, Jong-Deok Choi

May 2000 ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 2000 conferenc implementation, Volume 35 Issue 5

Full text available:  pdf(576.50 KB)

Additional Information: full citation, abstract, references,

Dynamic class loading during program execution in the Java Programming Langi code that is as efficient as code generated using static whole-program analysis a and optimization is possible for languages, such as C++, that do not allow new during program execution. One solution for performing whole-program analysis new class is loaded is to in ...

14 Information Retrieval Based upon Latent Class Analysis

Frank B. Baker

October 1962

Journal of the ACM (JACM), Volume 9 Issue 4

Full text available:  pdf(656.56 KB)

Additional Information: full citation, abstract, references,

The application of digital computers to the tasks of document classification, stor promise for solving the so-called “library problem.” Due to the hig of digital computers, a number of different approaches to the “library pro operation [4]. Although existing systems are rather rudimentary when compare library, progress towards ...

15 Spatiotemporal Databases: GeoFrame-T: a temporal conceptual framework

Luciana Vargas da Rocha, Nina Edelweiss, Cirano Iochpe

November 2001 Proceedings of the ninth ACM international symposium on Advances

Full text available:  pdf(1.07 MB)

Additional Information: full citation, abstract, reference


The need to represent and manage the temporal aspects of the geographic real world in the geoprocessing area. The complexity of the spatio-temporal information manipulation (GIS) has demanded special efforts for the creation of a conceptual data model naturally. This paper presents some requirements of a temporal conceptual model. The conceptual framework GeoFrame-T is presented as ...

Keywords: GIS, conceptual data modeling, conceptual framework, spatial and temporal

16 Slicing class hierarchies in C++

Frank Tip, Jong-Deok Choi, John Field, G. Ramalingam

October 1996 ACM SIGPLAN Notices , Proceedings of the 11th ACM SIGPLAN conference on programming systems, languages, and applications, Volume 31 Issue 10

Full text available:  pdf(2.08 MB)


Additional Information: full citation, abstract, references, code

This paper describes an algorithm for *slicing* class hierarchies in C++ programs. (It takes as input a hierarchy of C++ classes and inheritance relations among them) and a program P that uses members of the hierarchy. The algorithm returns a program P' that uses only those data members, member functions, classes, and inheritance relations that are needed by P , ensuring that the semantics of P is maintained. Class slicing is especially useful for

17 An object-oriented file system—an example of using the class hierarchy framework

Tomas Smolik

April 1995 ACM SIGOPS Operating Systems Review, Volume 29 Issue 2

Full text available:  pdf(1.20 MB)

Additional Information: full citation, abstract, index terms

This paper presents the design of an object-oriented file system which was developed as part of the "Object-Oriented Operating System" project. The file system is a self-contained package using a standard object-oriented framework concept. A novel approach to object-oriented file system design, the Hierarchy Framework concept recapitulated in this paper, is employed in structuring the file system. Further, this paper illustrates on an example how the framework is used.

Keywords: class hierarchy framework concept, decomposition, object-oriented file system, object-oriented operating system, structuring

18 A Decision Procedure for the Correctness of a Class of Programs

Prabhaker Mateti

April 1981 Journal of the ACM (JACM), Volume 28 Issue 2

Full text available:  pdf(946.90 KB) Additional Information: full citation, references, index terms

19 Teaching data structures with multiple collection class libraries

Alan Fekete

February 2002 ACM SIGCSE Bulletin , Proceedings of the 33rd SIGCSE technical symposium
Volume 34 Issue 1

Full text available:  pdf(488.40 KB)

Additional Information: full citation, abstract

In recent years, the teaching of data structures has been revolutionised by object-oriented programming, in which the concept of each Abstract Data Type is made explicit as an Interface. This is done by a single set of classes: sometimes a standard library such as Sun's SDK, but in other cases a custom library. In the text. In contrast, this paper advocates an approach which seeks to prepare software developers, ...

20 Applying predication to efficiently handle runtime class testing

Chris Sadler, Sandeep K. S. Gupta, Rohit Bhatia

March 2000 ACM SIGARCH Computer Architecture News, Volume 28 Issue 1

Full text available:  pdf(741.25 KB)

Additional Information: full citation, abstract, in

Runtime class testing is a technique whereby virtual function calls are transformed through a series of conditional branches. Through this transformation, the overhead is significantly reduced. However, the drawback of these tests is that by relying on instruction-level parallelism (ILP) is limited and the mispredict penalties can be reduced by predication during class ...

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21 Z-iteration: a simple method for throughput estimation in time-dependent m

Ibrahim Matta, A. Udaya Shankar

May 1995 ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 1995 conference on Measurement and modeling of computer systems, Volume 1

Full text available: pdf(1.03 MB)

Additional Information: full citation, abstract, references, citations

Multiple-class multiple-resource (MCMR) systems, where each class of customer are common. These systems are often analyzed under steady-state conditions. 'as Z-iteration, to estimate both transient and steady-state performances of such results and techniques available from queueing theory, network analysis, dynam We show the generality of ...

22 Polytime algorithm for the shortest path in a homotopy class amidst semi-a

D. Grigoriev, A. Slissenko


August 1998 Proceedings of the 1998 international symposium on Symbolic and al

Full text available: pdf(281.16 KB)

Additional Information: full citation, references, citations

23 Modelling: Reveal: a tool to reverse engineer class diagrams

Sarah Matzko, Peter J. Clarke, Tanton H. Gibbs, Brian A. Malloy, James F. Power, F
February 2002 Proceedings of the Fortieth International Confernece on Tools Pacific:
embedded applications - Volume 10

Full text available:  pdf(1.00 MB)

Additional Information: full citation, abstract, reference

Many systems are constructed without the use of modeling and visualization art deadlines or a shortage of manpower. Nevertheless, such systems might profit f diagrams to facilitate maintenance of the constructed system. In this paper, we engineer a class diagram from the C + + source code representation of the soft UML standard definition of a ...

Keywords: UML, automated construction, class diagram, object-oriented program modeling language

24 A formal specification of Java class loading

Zhenyu Qian, Allen Goldberg, Alessandro Coglio

October 2000 ACM SIGPLAN Notices , Proceedings of the 15th ACM SIGPLAN confere systems, languages, and applications, Volume 35 Issue 10

Full text available:  pdf(241.45 KB)

Additional Information: full citation, abstract, references

The Java Virtual Machine (JVM) has a novel and powerful mechanism to support user-definable policies. Class loading directly impacts type safety, on which the Conceptual bugs in the loading mechanism were found in earlier versions of the understanding of the class loading mechanism, through such means as formal a no additional bugs a ...

25 Inter-class def-use analysis with partial class representations

Amie L. Souter, Lori L. Pollock, Dixie Hisley

September 1999 ACM SIGSOFT Software Engineering Notes , Proceedings of the 199 Program analysis for software tools and engineering, Volume 24 Is


Full text available:  pdf(1.27 MB)

Additional Information: full citation, abstract, references, c

Object-oriented program design promotes the reuse of code not only through in through building server classes which can be used by many different client class object-oriented software has focused on addressing the new features of classes, binding. This paper demonstrates how exploiting the nature of object-oriented d of scalable static analyses. We p ...

26 All things UML: A new approach for visualizing UML class diagrams

Carsten Gutwenger, Michael Jünger, Karsten Klein, Joachim Kupke, Sebastian Leip
June 2003 Proceedings of the 2003 ACM symposium on Software visualization

Full text available:  pdf(1.97 MB)

Additional Information: full citation, abstract, reference


UML diagrams have become increasingly important in the engineering and reeng
Of particular interest are UML class diagrams whose purpose is to display class
aggregations, and compositions in one picture. The combination of hierarchical
special challenge to a graph layout tool. Existing layout tools treat hierarchical
or as separat ...

Keywords: UML Class Diagrams, graph drawing, graph layout, software visualiza

27 Subsequence references: first-class values for substrings

Wilfred J. Hansen

October 1992 ACM Transactions on Programming Languages and Systems (TOPLA

Full text available:  pdf(1.31 MB)

Additional Information: full citation, abstract, references, citing

Arrays of characters are a basic data type in many programming languages, but
accorded first-class status as parameters and return values. Such status would
function to readily access context on both sides of a return value. To enfranchis
data type for substrings as a special case of one for general subsequences. The
or references to positi ...

Keywords: ATK, AUIS, Andrew Toolkit, Ness, document processing, programmin
searching, strings, subsequences, substrings

28 Design: Symmetry in class and type hierarchy

Liping Zhao, James O. Coplien

February 2002 Proceedings of the Fortieth International Confernece on Tools Pacific:
embedded applications - Volume 10

Full text available:  pdf(834.43 KB)

Additional Information: full citation, abstract, referen

The class concept is central in OO programming (OOP) to implement abstract da
hierarchy has been regarded as a useful technique for consistency during extens
hierarchy extends beyond their technical merits. Specifically, a class classifies ol
classes. Classification is fundamental to design, and its place in program evoluti
can be elucidated ...

Keywords: classification, eiffel, group theory, invariant, liskov substitutability pri

29 On designing database schemes bounded or constant-time maintainable w

E. P. F. Chan, H. J. Hernandez

June 1987 Proceedings of the sixth ACM SIGACT-SIGMOD-SIGART symposium on I

Full text available:  pdf(827.71 KB)

Additional Information: full citation, abstract, references,

Under the weak instance model, to determine if a class of database schemes is fundamental for the analysis of the behavior of the class of database schemes w updates. However, proving that a class of database schemes is bounded with re difficult even for restricted cases. To resolve this problem, we need to develop t database schemes

30 Dyn-FO (preliminary version): a parallel, dynamic complexity class

Sushant Patnaik, Neil Immerman

May 1994 Proceedings of the thirteenth ACM SIGACT-SIGMOD-SIGART symposium

Full text available:  pdf(971.37 KB)


Additional Information: full citation, abstract, references,

Traditionally, computational complexity has considered only static problems. Cla NP, and PSPACE are defined in terms of the complexity of checking—upol input—whether the input satisfies a certain property. For many, if not mo: databases, text editors, program development, it is more appropriate to model t fairly large object be ...

31 Integrating information retrieval and domain specific approaches for browsi class libraries

Richard Helm, Yoëlle S. Maarek

November 1991 ACM SIGPLAN Notices , Conference proceedings on Object-oriented applications, Volume 26 Issue 11

Full text available:  pdf(1.62 MB)

Additional Information: full citation, references, citing:

32 Metaclasses are first class: The ObjVlisp Model

Pierre Cointe

December 1987 ACM SIGPLAN Notices , Conference proceedings on Object-oriented applications, Volume 22 Issue 12

Full text available:  pdf(1.15 MB)

Additional Information: full citation, abstract, references, c


This paper shows how an attempt at a uniform and reflective definition resulted ObjVlisp, which we use to simulate object-oriented language extensions. We prc terminal instances. This unification allows us to treat a class as a “first cl& definition of the first metaclass, to access to the metaclass level and finally to cc ...

33 Optimal scheduling policies for a class of queues with customer deadlines 1

Shivendra S. Panwar, Don Towsley, Jack K. Wolf

October 1988

Journal of the ACM (JACM), Volume 35 Issue 4

Full text available:  pdf(1.03 MB)


Additional Information: full citation, abstract, references, citing

Many problems can be modeled as single-server queues with impatient customers of voice packets over a packet-switched network. If the voice packets do not reach the receiver within a certain interval of their transmission, they are useless to the receiver and considered lost by the customers such that the fraction of customers served within their respective deadline is small. This paper studies the performance of various scheduling policies in such a system.

34 Borrow, copy or steal?: loans and larceny in the orthodox canonical form

Anthony J. H. Simons

October 1998 ACM SIGPLAN Notices , Proceedings of the 13th ACM SIGPLAN conference on programming languages, systems, languages, and applications, Volume 33 Issue 10

Full text available:  pdf(2.09 MB)

Additional Information: full citation, abstract, reference


Dynamic memory management in C++ is complex, especially across the boundaries of shared libraries. Libraries designed in the orthodox canonical form (OCF) alleviate some of the problems by managing any kind of heap structures faithfully copy and delete these. However, in the OCF, heap structures are wastefully copied multiple times. General reference counting, which is used in the OCF, violates the intended value of the heap structures.

Keywords: C++, borrowing, copy-on-write, implementation strategies, larceny, ownership

35 Sharing code through first-class environments

Christian Queinnec, David de Roure

June 1996 ACM SIGPLAN Notices , Proceedings of the first ACM SIGPLAN international conference on programming, Volume 31 Issue 6

Full text available:  pdf(1.01 MB)


Additional Information: full citation, abstract, references, citing

Nowadays the Net is one of the most obvious driving forces. Yet, to consider it as a platform where code may be shared is still immature. This paper suggests first-class environments and a multi-user Scheme framework. We propose two new special forms with a simple control over environments (including extensible environments) and does not require any special operations.

36 Herbal-T, enabling integration, interoperability, and reusability of Internet c

Israel Hilerio, Weidong Chen

March 1999 ACM SIGSOFT Software Engineering Notes , Proceedings of the internat
coordination and collaboration, Volume 24 Issue 2

Full text available:  pdf(1.57 MB)

Additional Information: full citation, abstract, reference


Herbal-T introduces an architecture where Internet component integration, inter
are the base for information flow coordination. This architecture introduces a fra
across the Internet to create new Internet applications. These new applications
relationships. The concept of active relations as found in active databases is ext
creating Internet applicatio ...

Keywords: Herbal-T, Internet components, active relations, distributed relations

37 A completeness theorem for a class of synchronization objects

Yehuda Afek, Eytan Weisberger, Hanan Weisman

September 1993 Proceedings of the twelfth annual ACM symposium on Principles of c

Full text available:  pdf(1.27 MB)

Additional Information: full citation, references, citings, index te

38 Partitioning the Period of a Class of m-Sequences and Application to Pseu

A. C. Arvillias, D. G. Maritsas

October 1978 Journal of the ACM (JACM), Volume 25 Issue 4


Full text available:  pdf(736.91 KB)

Additional Information: full citation, references, citings,

39 Reducing transfer delay using Java class file splitting and prefetching

Brad Calder, Chandra Krintz, Urs Hölzle

October 1999 ACM SIGPLAN Notices , Proceedings of the 14th ACM SIGPLAN confere
systems, languages, and applications, Volume 34 Issue 10

Full text available:  pdf(1.77 MB)

Additional Information: full citation, abstract, references, c

The proliferation of the Internet is fueling the development of mobile computing
executed on remote sites. In such environments, the end user must often wait v
from the server to the client where it executes. This downloading can create sig
experience of users. We propose Java class file splitting and class file prefetching

40 Poster papers: Scaling multi-class support vector machines using inter-clas

Shantanu Godbole, Sunita Sarawagi, Soumen Chakrabarti

July 2002 Proceedings of the eighth ACM SIGKDD international conference on Know

Full text available:  pdf(675.00 KB)

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Support vector machines (SVMs) excel at two-class discriminative learning probl
classifiers, especially those that use inaccurate generative models, such as the r
hand, generative classifiers have no trouble in handling an arbitrary number of c
much faster than SVMs owing to their extreme simplicity. In contrast, SVMs han
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